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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/572,840

03/21/2006

Rob Van Wijk

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05/02/2008

PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

WALFORD, NATALIE K

ART UNIT

PAPER NUMBER

2879

MAIL DATE

DELIVERY MODE

05/02/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/572,840	Applicant(s) VAN WIJK ET AL.	
	Examiner NATALIE K. WALFORD	Art Unit 2879	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 March 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 March 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Kawakatsu et al. (US 4,652,789).

Regarding claim 1, Kawakatsu discloses an electric lamp in figure 1 comprising: an outer lamp envelope (item 1) enclosing a light-transmitting inner lamp vessel in a gastight manner, a light source (item 6) being arranged in the inner lamp vessel, an optical interference film (item 2) being provided on at least part of an inner surface of the outer lamp envelope or on at least part of an outer surface of the inner lamp vessel (see FIG. 1), the optical interference film comprising a plurality of alternating high and low refractive index layers (see FIG. 2, items 2L and 2H), the material of the high refractive index layer comprising substantially zirconium oxide (column 2, lines 32-37).

Regarding claim 2, Kawakatsu discloses an electric lamp as claimed in claim 1, characterized in that the ratio of the volume V_{ilv} of the inner lamp vessel to the volume V_{ole}

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outer lamp envelope is: $V_{ilv}/V_{ole} \leq 0.5$. The Examiner notes that since Kawakatsu discloses the structural limitations as claimed by Applicant, that the inequality as claimed by Applicant is met as well.

Regarding claim 3, Kawakatsu discloses an electric lamp as claimed in claim 2, characterized in that the ratio of the volume V_{ilv} of the inner lamp vessel to the volume V_{ole} of the outer lamp envelope is: $V_{ilv}/V_{ole} \leq 0.25$. The Examiner notes that since Kawakatsu discloses the structural limitations as claimed by Applicant, that the inequality as claimed by Applicant is met as well.

Regarding claim 4, Kawakatsu discloses an electric lamp as claimed in claim 1, characterized in that the optical interference film is arranged on at least part of the outer surface of the inner lamp vessel (see FIG. 1).

Regarding claim 5, Kawakatsu discloses an electric lamp as claimed in claim 1, characterized in that the material of the low refractive index layer comprises substantially silicon oxide (column 2, lines 32-37).

Regarding claim 6, Kawakatsu discloses an electric lamp as claimed in claim 1, characterized in that the optical interference film transmits visible radiation and reflects infrared radiation or the optical interference film changes the color temperature of the electric lamp (column 1, lines 40-46).

Regarding claim 7, Kawakatsu discloses an electric lamp as claimed in claim 1, characterized in that the light source comprises at least one incandescent lamp body or an arc of a discharge lamp in operation (see FIG. 1).

Regarding claim 8, Kawakatsu discloses an electric lamp as claimed in claim 1, characterized in that the electric lamp comprises a halogen lamp (column 2, lines 49-53).

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Natalie K. Walford whose telephone number is (571)-272-6012. The examiner can normally be reached on Monday-Friday, 8 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (571)-272-2457. The fax phone number for the organization where this application or proceeding is assigned is (571)-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Nkw
/Natalie K Walford/
Examiner, Art Unit 2879

/Sikha Roy/
Primary Examiner, Art Unit 2879